



**(43) International Publication Date**  
**12 February 2004 (12.02.2004)**

**PCT**

**(10) International Publication Number**  
**WO 2004/012736 A1**

- (51) **International Patent Classification<sup>7</sup>:** **A61K 31/44,**  
C07D 471/00, 209/36, 277/62
- (21) **International Application Number:**  
PCT/US2003/024294
- (22) **International Filing Date:** 1 August 2003 (01.08.2003)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**  
60/400,671 2 August 2002 (02.08.2002) US
- (71) **Applicant (for all designated States except US):** **GENE-SOFT PHARMACEUTICALS, INC.** [US/US]; 7300 Shoreline Court, South San Francisco, CA 94080 (US).
- (72) **Inventors; and**
- (75) **Inventors/Applicants (for US only):** **BURLI, Roland, W.** [CH/US]; 3700 20th Street, Apt. 11, San Francisco, CA 94110 (US). **BAIRD, Eldon, B.** [US/US]; 229 Valdez Avenue, Half Moon Bay, CA 94019 (US). **KAIZERMAN, Jacob, A.** [US/US]; 7300 Shoreline Court, South San Francisco, CA 94080 (US). **MCMINN, Dustin, H.** [US/US]; 7300 Shoreline Court, South San Francisco, CA 94080 (US).
- (74) **Agents:** **KEZER, William, B.** et al.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).
- (81) **Designated States (national):** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) **Designated States (regional):** ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Declaration under Rule 4.17:**  
— of inventorship (Rule 4.17(iv)) for US only
- Published:**  
— with international search report  
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette*

**Declaration under Rule 4.17:**

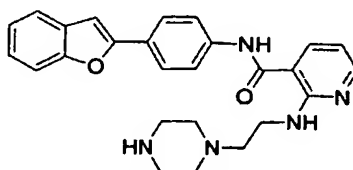
— of inventorship (Rule 4.17(iv)) for US only

**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**(54) Title:** BIARYL COMPOUNDS HAVING ANTI-INFECTIVE ACTIVITY



**(57) Abstract:** Aromatic compounds exemplified by exhibit antimicrobial activity.

**WO 2004/012736 A1**